

**Notice of Allowability**

Application No.

10/809,865

Examiner

KHAI TRAN

Applicant(s)

PALM, STEPHEN

Art Unit

2637

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the application 3/26/04.
2. ☒ The allowed claim(s) is/are 1-23.
3. ☒ The drawings filed on 26 March 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements, (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 7/2/04; 8/18/04; 10/1/04.
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

## ***REASONS FOR ALLOWANCE***

### ***Information Disclosure Statement***

1. Each of the references cited in the IDS filed on 8/18/2004 and 10/1/2004 has not been considered and initialed because they have been cited in the IDS filed 7/2/2004.

## ***EXAMINER'S AMENDMENT***

2. A examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Steven Wegman (Reg. No. 31,438) on December 08, 2004.

3. ***The application has been amended as follows:***

Claims:

Claim 7, lines 6-7, the term "a plurality of first power measurement signals" has been changed to --said plurality of first power measurement signals--.

Claim 18, lines 5-6, the term "a plurality of first power measurement signals" has been changed to --said plurality of first power measurement signals--.

### ***Allowable Subject Matter***

4. Claims 1-23 are allowed.

5. The following is an examiner's statement of reasons for allowance: none of the prior art of the record discloses or suggests a communication apparatus selectively connected to a central communication apparatus, comprising: a receiver that receives a plurality of first message and the plurality of first power measurement signals, transmitted by the central communication apparatus, the plurality of first message signals requesting the communication apparatus to transmit a plurality of second power measurement signals, the plurality of first power measurement signals being transmitted using different carrier frequencies, the transmitter transmitting a plurality of second message signals and the plurality of second power measurement signals to the central communication apparatus after receiving the plurality of first message signals and the plurality of first power measurement signals, the plurality of second message signals confirming that the plurality of first power measurement signal have been received by the communication apparatus, the plurality of second power measurement signals being transmitted utilizing different carrier frequencies.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### ***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Buchenhorner et al (U.S. Pat. 5,345,596) disclose method and apparatus for establishing a communication link.

Stessens et al (U.S. Pat. 5,581,557) disclose method for determining access of user stations to main station.

Masudaya (U.S. Pat. 5,606,325) discloses a detection object search device.

Person et al (U.S. Pat. 6,028,851) disclose system and method for mobile assisted admission control.

Bi et al (U.S. Pat. 6,163,696) disclose mobile location estimation in a wireless communication system.

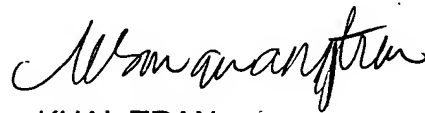
Palm (U.S. Pat. 6,751,254) discloses a XDSL modem.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAI TRAN whose telephone number is (571) 272-3019. The examiner can normally be reached on 7:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JAY PATEL can be reached on (571) 272-2988. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



KHAI TRAN  
Primary Examiner  
Art Unit 2637

12/08/2004